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**BOX AF**

REPLY UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1632

AF-1600  
MS AF  
PATENT  
0147-0211P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: ROSENTHAL, A. et al. Conf.: 7286  
Appl. No.: 09/647,377 Group: 1632  
Filed: September 27, 2000 Examiner: PRIEBE, S.  
For: NUCLEIC ACID MOLECULES ENCODING PROTEINS  
WHICH INFLUENCE BONE DEVELOPMENT

SMALL ENTITY TRANSMITTAL FORM  
FOR REPLY AFTER FINAL UNDER 37 C.F.R. § 1.116

**MS AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 14, 2003

Sir:

Transmitted herewith is an amendment in the above-identified application.

- Applicant claims small entity status under 37 C.F.R. § 1.27.  
 The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.  
 The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR			PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	75	-	77	=	0	\$ 9	\$0.00
INDEPENDENT	7	-	6	=	1	\$ 43	\$43.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						\$145	\$0.00
						TOTAL	\$43.00

- Petition for one (1) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$55.00 for the extension of time.
- No fee is required.
- Check(s) in the amount of \$98.00 is(are) enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

  
By \_\_\_\_\_  
Leonard R. Svensson, #30,330

P.O. Box 747  
Falls Church, VA 22040-0747  
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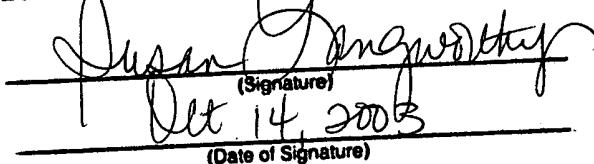
LRS/KR/sml  
0147-0211P

Attachment(s)

(Rev. 09/30/03)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope to:  
Commissioner for Patents, P.O. Box 1450, Alexandria,  
VA 22313-1450, on: Oct 14, 2003  
(Date of Deposit)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

  
\_\_\_\_\_  
(Signature)  
Oct 14, 2003  
(Date of Signature)

MS AF  
PATENT  
Attorney Docket No. 0147-0211P



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: ROSENTHAL, A. et al. CONF #: 7286  
SERIAL No.: 09/647,377 GROUP: 1632  
FILED: September 27, 2000 EXAMINER: PRIEBE,S.

FOR: NUCLEIC ACID MOLECULES ENCODING PROTEINS  
WHICH INFLUENCE BONE DEVELOPMENT

**RESPONSE TO FINAL OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 14, 2003

Sir:

In response to the Office Action of June 13, 2003, the period for response having been extended by one (1) month to October 13, 2003, the following remarks are submitted in connection with the above-indicated application.

This Reply includes Amendments to the Claims on pages 2-8 and Remarks on pages 9-16.

10/21/2003 HDEMESS1 00000122 09647377

01 FC:2251 55.00 OP

10/21/2003 HDEMESS1 00000122 09647377

02 FC:2201 43.00 OP